

Title (en)
FUEL CELL VEHICLE

Title (de)
BRENNSTOFFZELLENFAHRZEUG

Title (fr)
VÉHICULE À PILES À COMBUSTIBLE

Publication
EP 2145792 B1 20140305 (EN)

Application
EP 08752850 A 20080509

Priority
• JP 2008058997 W 20080509
• JP 2007127194 A 20070511

Abstract (en)
[origin: EP2145792A1] In a fuel cell vehicle of the present invention, a floor panel is constructed to have a center tunnel formed to extend in a front-rear direction of the vehicle. A fluid distributor provided below the floor panel is at least partly located in the center tunnel and is operative to distribute a supply of a fluid in a vehicle width direction. At least one fuel cell stack is provided adjacent to the fluid distributor in the vehicle width direction below the floor panel and is operative to receive the distributive supply of the fluid from the fluid distributor. This fuel cell system has an efficient component layout from the total standpoint of the operability and the space efficiency.

IPC 8 full level
B60K 1/04 (2006.01); **B60K 15/07** (2006.01); **B60L 11/18** (2006.01); **H01M 8/04** (2006.01); **H01M 8/24** (2006.01)

CPC (source: EP KR US)
B60K 1/04 (2013.01 - EP KR US); **B60L 50/71** (2019.01 - EP KR US); **B60L 50/72** (2019.01 - EP KR US); **H01M 8/04029** (2013.01 - EP KR US); **H01M 8/04089** (2013.01 - EP KR US); **H01M 8/04955** (2013.01 - EP KR US); **H01M 8/2465** (2013.01 - EP KR US); **H01M 8/2484** (2016.02 - EP KR US); **B60K 15/07** (2013.01 - EP US); **B60K 2001/0416** (2013.01 - EP KR US); **B60K 2001/0422** (2013.01 - EP KR US); **B60K 2001/0438** (2013.01 - EP KR US); **H01M 2250/20** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP); **Y02T 90/40** (2013.01 - EP US)

Cited by
CN108357370A; EP3351411A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2145792 A1 20100120; EP 2145792 A4 20110810; EP 2145792 B1 20140305; CN 101678757 A 20100324; CN 101678757 B 20130522; JP 2008279954 A 20081120; JP 5040428 B2 20121003; KR 101145286 B1 20120516; KR 20100009631 A 20100128; US 2010116576 A1 20100513; US 9537159 B2 20170103; WO 2008143154 A1 20081127

DOCDB simple family (application)
EP 08752850 A 20080509; CN 200880015517 A 20080509; JP 2007127194 A 20070511; JP 2008058997 W 20080509; KR 20097025568 A 20080509; US 45109508 A 20080509